

GLENIUM 175

High-performance superplasticiser for concrete.

Characteristic

- GLENIUM 175 is an aqueous solution of polymer based on modified polycarboxylic ether.

Fields of application

- GLENIUM 175 is especially optimized for plastification and water reduction of cement based materials, eg.
 - raw material for concrete superplasticizer and plasticizer formulations
- Fields of application are eg.
 - ready mix concrete
 - fair faced concrete

Technical data

Physical shape	aqueous solution
Appearance	turbid to milky turbid, slightly to yellowish to yellowish-brownish
Solid contents, [%]	15,0
Density (+20 °C) [g/cm ³]	approx. 1,04
Chlorids content	< 0,1%
Alkali content	< 1,5%

Packaging

GLENIUM 175 is delivered in jerrycans (20 kg) drums (200 kg) and containers (1000 kg).

Storage

To be stored in its unopened original packaging, please store dry at usual ambient temperatures and protect from excessive heat (ie. below +40 °C) Please stir thoroughly after longer storage periods. As the product is prone to gas emission, please take care for a sufficient ventilation of storage and dosage facilities.

Storage class

12 (non-flammable liquids)

Frost resistance

Withstands any number of freezing/thawing cycles, please thaw and homogenize frozen material thoroughly at +20 °C.

Shelf life

1 year

Transport regulation

Not know as dangerous good according to transport regulations.

Due to the product proneness for gas emission it is not suitable for airfreighting respectively only under very limited conditions.

Please note

GLENIUM 175 is a superplasticizer based on latest polymer technology. These types of superplasticizers typically contain certain side chains based on polyethylene glycol. Due to raw material synthesis of the polyethylene glycol, the nature of radical polymerization and the composition, it is known that this technical product has some natural colour variations from nearly colourless to yellowish up to slightly brownish. However these colour variations have no influence on the application performance of the product. It is not known that the product colour changes significantly over time under normal storage conditions.

Technical support

Consultations on the construction sites, additional information, tests approvals and samples descriptions are available at the local technical offices or directly in company residence.

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